

INTERNATIONAL SEARCH REPORT

10/519303
Int'l Application No.
PCT/GB 03/02646

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C01B33/22 D21H21/10

PCT 21 DEC 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B D21H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 432 770 A (LAPORTE INDUSTRIES LTD) 22 April 1976 (1976-04-22) cited in the application claims 1,2,5,10 page 2, line 11 -page 3, line 26	2
A	US 3 586 478 A (NEUMANN BARBARA SUSAN) 22 June 1971 (1971-06-22) cited in the application claims column 3, line 26-46 column 4, line 60-73 examples	3

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
21 August 2003	01/09/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Rhodes, K

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 213 122 A (NEUMANN BARBARA SUSAN) 18 November 1970 (1970-11-18) cited in the application claims 1-5,8,18 page 2, column 43-65 example 2 -----	4
A	US 3 671 190 A (NEUMANN BARBARA SUSAN) 20 June 1972 (1972-06-20) column 2, line 55 -column 3, line 14 column 4, line 3-23 column 6, line 9 -column 7, line 8 -----	

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Information on patent family members

Int'l	Application No
PCT/EP	3/02646

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
GB 1432770	A	22-04-1976	AR AT AT AU BE CA CH DE DK ES FR IT JP JP JP NL NO SE US ZA	199502 A1 353227 B 959773 A 6228573 A 807265 A1 1006332 A1 598136 A5 2356865 A1 138111 B 420483 A1 2206272 A1 997906 B 1110645 C 49135897 A 56048443 B 7315510 A ,B, 138059 B 390630 B 4049780 A 7308402 A	09-09-1974 12-11-1979 15-04-1979 08-05-1975 13-05-1974 08-03-1977 28-04-1978 22-05-1974 17-07-1978 01-04-1976 07-06-1974 30-12-1975 31-08-1982 27-12-1974 16-11-1981 16-05-1974 13-03-1978 03-01-1977 20-09-1977 25-09-1974
US 3586478	A	22-06-1971	DE FR GB GB NL NL NL NL	1184742 B 1361074 A 1054111 A 1155595 A 142376 B 294566 A 6414166 A ,B 6609991 A ,B	07-01-1965 15-05-1964 18-06-1969 17-06-1974 07-06-1965 17-01-1967
GB 1213122	A	18-11-1970	AT BE CH DE DK FR GB NL NO SE SE	283271 B 703698 A 483373 A 1667502 A1 135035 B 1565348 A 1228155 A 6712477 A ,B 122012 B 343280 B 330156 B	27-07-1970 11-03-1968 31-12-1969 16-06-1971 28-02-1977 02-05-1969 15-04-1971 13-03-1968 10-05-1971 06-03-1972 09-11-1970
US 3671190	A	20-06-1972	NONE		